

# PEDESTRIAN HYBRID BEACON PRESENTATION

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# Pedestrian Beacon Objectives

- To elevate the level of safety for pedestrians crossing single and multi-lane roadways**
- Implement and channelize pedestrians to safe controlled crossing locations**
- Meets ADA requirements and provides refuge during crossing of multi-lane roadway systems**
- Allows for progression; mitigates loss time caused by the installation of fully operational signal systems for pedestrian safety**



# **Pedestrian Beacon Objectives (cont'd)**

- Increases visibility of pedestrians for motorists**
- Lessens the need for jay walking and dangerous uncontrolled crossings by pedestrians**
- Provides universal communication for all pedestrians and motorists**
- Incorporates the versatility to be modified to meet a wide range of pedestrian crossing needs on various streets and roadways throughout the country**
- Economical; very cost efficient**



# Traditional Solution





# New Options: Pedestrian Hybrid Beacon

## Features

- Stops traffic with red indication
- Pedestrian Activated
- Provides pedestrian walk indication
- Used with crosswalk warning Sign

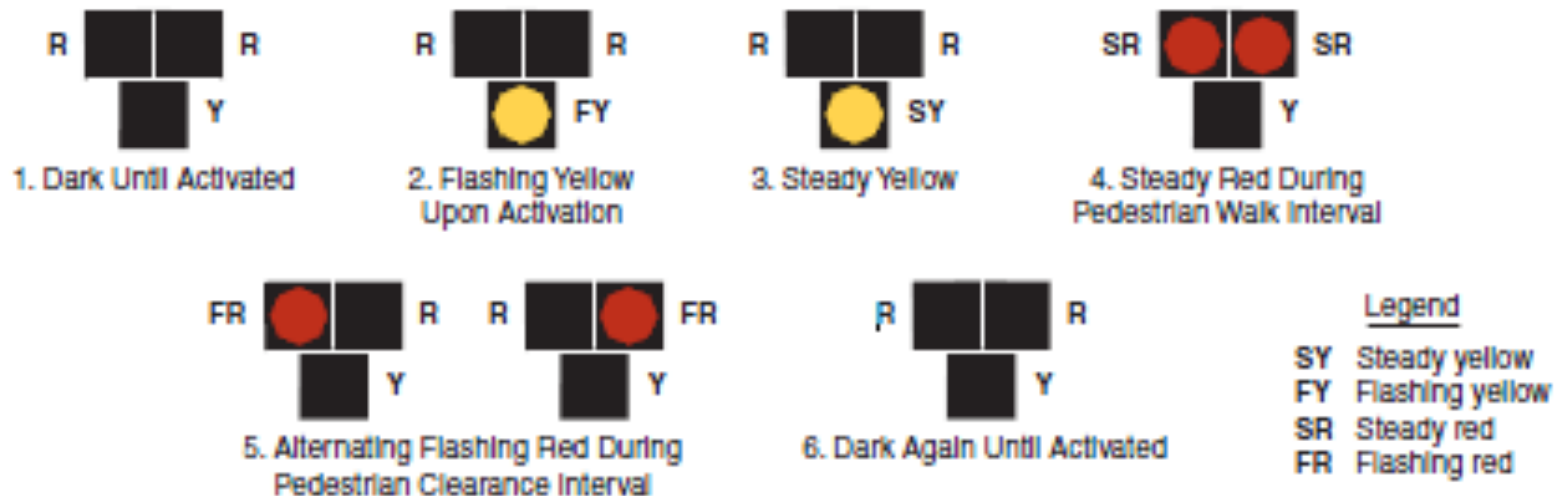


## Application

- Mid-block crossings with inadequate crossing gaps
- Combined ped and vehicle volumes exceed MUTCD threshold

# Operation of Pedestrian Hybrid Beacon

**Figure 4F-3. Sequence for a Pedestrian Hybrid Beacon**



2009 MUTCD Chapter 4F : Pedestrian Hybrid Beacons



Pedestrian beacons remain in idle mode allowing vehicular traffic to progress until they're activated by pedestrians for crossing.....

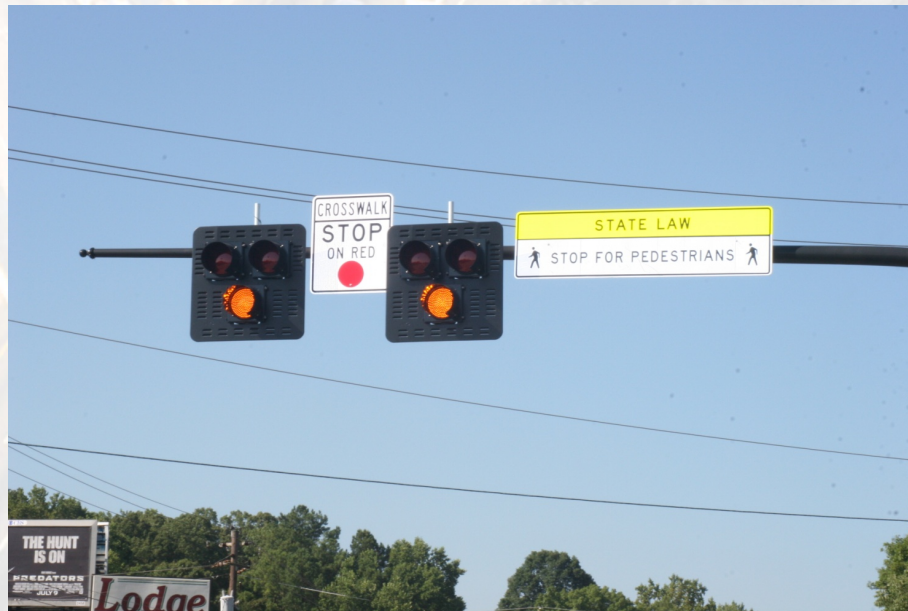


This illustration shows the beacon being activated by pedestrian for crossing.





Following activation the beacon goes into the amber warning mode prior to advancing to the red stop phase



Upon completion of the initial phase, the signal advances to the double indicated “**STOP**” phase. Motorist shall observe this phase as is the case with a normal traffic signal.



**Once vehicles come to a complete stop, pedestrians may proceed to cross safely.....**



It is now safe for the awaiting pedestrians  
to proceed to the mid point refuge to  
complete their crossing

